



# भारत का राजपत्र

## The Gazette of India

प्राधिकार से प्रकाशित  
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सं० ३१] नई विल्सो, शनिवार, अगस्त ४, १९७९ (श्रावण १३, १९०१)

No. 31] NEW DELHI, SATURDAY, AUGUST 4, 1979 (SRAVANA 13, 1901)

इस भाग में भिन्न पृष्ठ संख्या वी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।  
Separate paging is given to this Part in order that it may be filed as a separate compilation.

### भाग III—खण्ड 2

#### PART III—SECTION 2

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस  
Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE  
PATENTS AND DESIGNS

Calcutta, the 4th August 1979

APPLICATION FOR PATENTS FILED AT THE  
HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

28th June 1979

662/Cal/79. H. E. Earl and M. Robins. A pellet for an air, gas or spring gun. (July 3, 1978).

663/Cal/79. Amsted Industries Incorporated. Improved bullet testing apparatus.

664/Cal/79. Bihani Industries. Back element for a torch.

665/Cal/79. R. Matalon. Novel method of making foundry molds and adhesively bonded composites.

666/Cal/79. Silver Seiko Ltd. Fabric manipulating device for manipulating the loops of a knitted fabric.

667/Cal/79. Siemens Aktiengesellschaft. Electro-acoustic transducer.

29th June 1979

668/Cal/79. Bunker Ramo Corporation. Electrical contact assembly for printed circuit board connector.

669/Cal/79. Stauffer Chemical Company. Homogenizer process for forming emulsion/suspension polymers.

30th June 1979

670/Cal/79. Maschinenfabrik Augsburg-Nürnberg Aktiengesellschaft. Piston for internal combustion engines.

671/Cal/79. Dynamit Nobel Aktiengesellschaft. Instantaneous detonator.

2nd July 1979.

672/Cal/79. Hoechst Aktiengesellschaft. Process for the manufacture of a mixed catalyst.

673/Cal/79. Nuovo Pignone S.p.A. Spherical sealtight valve for fluids.

674/Cal/79. W. Hegler. Apparatus for the manufacture of transversely contoured tubing from thermoplastic material.

675/Cal/79. The Wesman Engineering Co. Ltd. Apparatus for drying tea leaves.

3rd July 1979

676/Cal/79. Gulf Research & Development Company. Combined coal liquefaction-gasification process.

677/Cal/79. Gulf Research & Development Company. Coal liquefaction process employing multiple recycle streams.

678/Cal/79. Amsted Industries Incorporated. Wheel casting apparatus.

679/Cal/79. Johnson & Johnson. Orthopedic bandage.

680/Cal/79. Metallgesellschaft A.G. Dust collector adapted to form a pressure relief opening.

681/Cal/79. G. P. Chourashia. A crane case cover for sumps of diesel locomotive engines.

682/Cal/79. D. N. Tverskoi, A. G. Kashirsky, J. N. Sulic and D. N. Trofimov. Lathe.

4th July 1979

683/Cal/79. Maschinenfabrik Rieter A.G. A method of automatically taking in a fibre layer in blow-room

machines and an apparatus for carrying out the method. (July 4, 1978).

684/Cal/79. Maschinenfabrik Rieter A.G. Apparatus for separating opened fibre flocks from a transporting air stream. (July 4, 1978).

685/Cal/79. Maschinenfabrik Rieter A.G. Fibre flock material feed apparatus for opening rollers. (July 4, 1978).

686/Cal/79. Maschinenfabrik Rieter A.G. False twist machines. (July 4, 1978).

687/Cal/79. Delta Plastics Limited. Improvements in and relating to liquid flow sensing devices. (July 5, 1978).

688/Cal/79. Metallgesellschaft A.G. Process of gasifying fine-grained solid fuels.

689/Cal/79. Toyama Chemical Co. Ltd. Novel process for producing 7-(substituted)amino-3-substituted thiomethyl- $\Delta^3$ -cephem-4-carboxylic acids.

#### APPLICATION FOR PATENTS FILED AT THE BOMBAY BRANCH

18th June 1979

182/Bom/79. The Textile and Allied Industry Research Organisation, Improvements in or relating to open-end spinning machines.

21st June 1979

183/Bom/79. Hindustan Lever Ltd., Antiperspirants (Convention date 23-6-1978, U.K.).

22nd June 1979

184/Bom/79. Mulchand Motiram Lohar, Improvement in or relating to colour changing fountain.

185/Bom/79. Madhu Velji Popat, Improvement in or relating to sealing arrangements of bottles or containers.

#### APPLICATION FOR PATENTS FILED AT THE (MADRAS BRANCH)

26th June 1979

118/Mas/79. A. J. Stephen. A Surge Voltage and Surge Current Protected System.

29th June 1979

119/Mas/79. Pfimax International. Improvements in Pharmaceutical Formulations Intended for Oral Administration by Micronisation, this invention in Micromeritics i.e. Particle Technology, relates to increasing the Therapeutic Efficacy of Active Ingredients of Allopathic, Ayurvedic and Unani Origin.

120/Mas/79. R. Ganesan. Rescue Stretcher.

#### ALTERATION OF DATE

146652.

1462/Cal/77.

} Ante-dated August 12, 1974.

#### COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in the opposing the grant of patents of any of the applications concerned may at any time within four months of the date of this issue or on form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months give notice to the Controller of Patents at the appropriate office as indicated in respect of each such application, on the prescribed form 15 of each opposition. The written statement of opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 35 of the Patents Rules, 1972.

"The classifications given below in respect of each specifications are according to Indian Classification and International Classification.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Shankar Ray Road, Calcutta in due course. The price of each specification is Rs. 2/- (postage extra is sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with the photo copies of the drawings, if any can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 56F.

146641.

Int. Cl.-C10j 3/46.

#### A PROCESS FOR CONVERTING A COAL BASED SOLID FUEL INTO A LIQUID FUEL.

*Applicant :* TEXACO DEVELOPMENT CORPORATION, OF 135 EAST 42ND STREET, NEW YORK, NEW YORK 10017, UNITED STATES OF AMERICA.

*Inventor :* WARREN GLEASON SCHLINGER.

Application No. 1285/Cal/77 filed August 18, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

A process for the conversion of coal based solid fuel as herein described into fluid fuels which comprises mixing ground solid fuel at least 50% of which passes through 200 mesh sieve, with a liquid solvent therefor as herein described having boiling point of 350°—900°F within the operation pressures, heating the mixture so obtained and maintaining it at a temperature between 700°—900°F and a pressure between 500 and 5000 psi for a period of between 10 seconds and 30 minutes, passing the so heat treated mixture to a stripping operation carried out at around the temperature of heating, in counter current contact with a gaseous medium as herein described containing hydrogen preferably as pure hydrogen or as synthesis gas having carbon monoxide and hydrogen as major constituents with at least 40% hydrogen, as a stripping medium flowing upwardly at a rate of at least 1,000 standard cubic feet and not exceeding 20,000 standard cubic feet per barrel of liquid introduced for the stripping operation and removing stripped material from the top of said stripping operation as said fluid fuel, the heating operation, optionally being carried out with a heating medium which is similar to the stripping medium above.

CLASS 70B.

146642.

Int. Cl.-B01k 3/02, 3/10.

#### ELECTRODE FOR USE IN A DIAPHRAGM OR MEMBRANE CELL.

*Applicant :* MARSTON EXCELSIOR LIMITED, OF WOBASTON ROAD, FORDHUSES, WOLVERHAMPTON WV10 6QJ, ENGLAND.

*Inventors :* RONALD DICKSON, AND MICHAEL ROBERT HAMPSON.

Application No. 137/Del/77 filed June 21, 1977.

Convention date June 21, 1976/(25637/76) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

17 Claims.

An electrode for use in a diaphragm or membrane cell having a gap of a given width between adjacent diaphragms of membranes for the insertion of the electrode, the electrode having an elongate current feeder and at least two continuous or foraminated electrode sheets, characterised in that the electrode sheets are directly connected to the elongate feeder and are so arranged that the sheets over a substantial area are at least in part spaced wider apart than the width of the gap and in that the electrode sheets are resiliently movable towards one another, for insertion into the gap, springing outwardly when in the gap.

CLASS 50B &amp; D &amp; 106 &amp; 173A &amp; B.

146643.

Int. Cl.-F28b 3/04.

## ATTEMPTERAFOR

*Applicant* : YARWAY CORPORATION, AT NORRISTOWN ROAD AND NARCISSA ROAD, BLUE BELL, PENNSYLVANIA 19422, U.S.A.*Inventor* : WARREN HENRY BRAND.

Application No. 446/Del/77 filed December 9, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

11 Claims.

An atomizer for spraying a liquid into a gaseous stream comprising a spray tube, means for connecting said spray tube to a high pressure source of liquid, a flow control means at the entrance to said spray tube for controlling the flow of liquid into said spray tube, and a plurality of nozzle means on said spray tube, each of said nozzle means being operative to inject a fine spray of liquid travelling along an expanding helical path from said spray tube into the gaseous stream.

CLASS 139A.

146644.

Int. Cl.-C09c1/48.

## PROCESS FOR THE PRODUCTION OF CARBON BLACK.

*Applicant* : VSESOJUZNY NAUCHNO-ISSLEDOVATELSKY INSTITUT TEKHNICHESKOGO UGLEROUDA, OF OMSK, 5 KORDNAYA, ULITSA 29, U.S.S.R.*Inventor* : VITALY FEDOROVICH SUROVIKIN.

Application No. 1651/Cal/77 filed November 26, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

A process for the production of carbon black, comprising the steps of burning a fuel with oxygen, the latter prior to being fed for burning is mixed with superheated water vapor in the volume ratio of 1 : 1.5 to 1 : 10 respectively, introducing a hydro-carbon feedstock into the stream of fuel combustion products, having temperature of 1600—2000°C thereby causing said feedstock to be thermally decomposed at the temperature of 1200—1500°C with the formation of reaction products, subjecting the reaction products thus obtained to cooling, and then separating the carbon black formed by conventional methods.

CLASS 35A &amp; B &amp; 178.

146645.

Int. Cl.-B26d 1/00.

## CONCRETE/ASPHALT CUTTING MACHINE.

*Applicant & Inventor* : ARJUN HOLARAM MAKHija, C/O. MECHAIDS CORPORATION, FLAT 48, VENUS APARTMENTS, 45, WORLI ROAD, NO. 10, CROSS ROAD, BOMBAY-400018, AND MANOHAR HOLARAM NAKHija, C/O. MECHAIDS CORPORATION, FLAT 48, VENUS APARTMENTS, 45, WORLI ROAD NO. 10, CROSS ROAD, BOMBAY-400018.

Application No. 49/Bom/77 filed January 31, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

2 Claims.

A concrete/asphalt cutting machine empowered by any prime mover 'M', comprising four wheels 'WR' and 'WF' independently mounted within a frame work, a diamond cutting wheel 'D' fixed on the frame work 'F' a castor wheel fixed to the frame work through a system of linkages 'L' and 'Y' pivoted at two points on the frame work 'F', and an operating hand wheel 'A' for regulating the mechanism arranged such that the whole operation requires minimum effort at the hand wheel 'A' of the operator, as the entire weight of the prime mover 'M' acts on the cutting wheel 'D'.

CLASS 68E &amp; 71E.

146646.

Int. Cl.-G05f 1/00.

## ELECTRONIC REGULATOR FOR MAGNETORQUF EXCAVATOR.

*Applicant* : TATA ENGINEERING & LOCOMOTIVE COMPANY LIMITED, JAMSHEDPUR, STATE OF BIHAR, INDIA.*Inventors* : JIBAN KRISHNA GUHA BARMAN AND VIVEKANAND SHARMA.

Application No. 1020/Cal/76 filed June 11, 1976.

Complete specification left September 12, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

1 Claim.

Improvement in or modification of the electronic regulator/magnetorquf excavator disclosed and claimed in Indian Patent Specification No. 143424 in which (a) the output voltage of the regulator, which feeds the alternator field, corresponds to the resistance change occurring at the swing controller terminal; (b) the change in the output voltage of the regulator takes place independent of the swing controller arm position so as to compensate for the change in alternator output voltage, during periods of engine loading; (c) in the pre-regulator stage the voltage to the rest of the circuit is limited to some voltage 'VR' as soon as the output voltage of the alternator exceeds some 'Va' volts i.e. voltage at A which is the rectified DC voltage of the alternator after a field blocking diodes, and (d) means are provided for voltage and current trips the modification for achieving the above object, being effected by the circuit as illustrated with respect to the accompanying drawings and as herein described.

CLASS 191.

146647.

Int. Cl.- B41j 5/10.

## KEYBOARD APPARATUS, E.G. FOR TYPEWRITING, TYPESETTING, DATA HANDLING AND SIMILAR MACHINES.

*Applicant & Applicant* : VEILAUTHAR KOPALAPILLA THILLAINAYAGAM, OF 74, FORLEASE ROAD, MAIDENHEAD, BUCKSHIRE, SL6 1SD, GREAT BRITAIN.

Application No. 1762/Cal/76 filed September 24, 1976.

Convention date October 27, 1975/(44085/75), U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims.

Keyboard apparatus for printing and/or producing electrical signals corresponding to compound character components, that, in combination form compound characters of a language, the keyboard apparatus being characterised by a first set of keys each of which is operable to print and/or produce an electrical signal corresponding to a compound character component representative of a consonant, a second set of keys each of which is operable to print and/or produce an electrical signal corresponding to a compound character component representative of a vowel, and being characterized in that the sequential operation of one key of the first set and one key of the second set will print without overprinting and/or produce two sequential electrical signals corresponding to the two associated compound character components that together represent a compound character of the language in the form of the consonant followed by the vowel.

CLASS 63-I.

146648

Int. Cl.-H02k 51/00.

## IMPROVED PLURAL ELECTRIC MOTOR DRIVE SYSTEM FOR SHARING A COMMON LOAD BETWEEN THE MOTORS.

*Applicant* : ALLIS-CHALMERS CORPORATION, OF 1126 SOUTH 70TH STREET, WEST ALLIS 14, WISCONSIN, UNITED STATES OF AMERICA.*Inventor* : WILLIAM LYLE RINGLAND.

Application No. 2039/Cal/76 filed November 12, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

A drive system comprising a pair of synchronous electric motors coupled to a common load for drive thereof and for sharing the load between the motors, each of said motors having a rotor with a field winding thereon and a stator with a rotating magnetic field generating polyphase winding thereon comprising plural phase windings adapted to be energized from individual phase of a polyphase electrical power source to generate a rotating magnetic field within the stator, characterized in that each stator phase winding comprises plural winding sections with at least one winding section connected in series with a different winding section of the corresponding phase winding of the other motor to thereby permit the respective winding sections in each phase winding to have different motor torque effects.

CLASS 34A & 136E.

146649.

Int. Cl.-B29d 7/02.

A SELF SUPPORTING ELASTIC AND THERMOPLASTIC FILM, AND PROCESS FOR EXTRUDING THE SAME.

*Applicant*: JOHNSON & JOHNSON, AT 501, GEORGE STREET, NEW BRUNSWICK, NEW JERSEY, UNITED STATES OF AMERICA.

*Inventor*: RALF KORPMAN.

Application No. 842/Cal/77 filed June 6, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims. No drawings.

A self-supporting, elastic and thermoplastic film not above 10 mils in thickness and being extruded and hot drawn from an elastomeric and thermoplastic film forming composition which comprises an elastomeric component and a resin component; said elastomeric component consisting essentially of linear or radial A-B-A block copolymers or mixtures of said A-B-A copolymers with simple A-B block copolymers, said A-blocks being derived from styrene or styrene homologues and said B-blocks being derived from conjugated dienes or lower alkenes; said resin component consisting essentially of low molecular weight resins having average molecular weight not above 3000 being adapted to associate principally with the thermoplastic A-blocks of said block copolymers and having a number average molecular weight not above 3,000; said composition comprising at least 85 parts of the low molecular weight A-block associating resins per one hundred parts by weight of the elastomeric component; said film possessing: 1. an elastic recovery from 50 percent stretch of at least 75 percent, 2. a rubber modulus of not above 2,000 pounds per square inch at 50 percent elongation, 3. a Gurley stiffness at a thickness of 1 mil of not above one.

CLASS 128A.

146650.

Int. Cl.-A61f 13/00, A61l 15/00.

A HIGHLY FLEXIBLE AND CONFORMABLE DISPOSABLE ABSORBENT DRESSING.

*Applicant*: JOHNSON & JOHNSON, AT 501 GEORGE STREET, NEW BRUNSWICK, NEW JERSEY, UNITED STATES OF AMERICA.

*Inventor*: RALF KORPMAN.

Application No. 845/Cal/77 filed June 7, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

19 Claims.

A highly flexible and conformable disposable absorbent dressing which comprises a layer of conventional absorbent material, and a thin, flexible, elastic and easily stretchable thermoplastic backing film as herein defined retained in superimposed relationship with said absorbent layer, said backing

film possessing: 1. an elastic recovery from 50 percent stretch of at least 75 percent, 2. a rubber modulus of not above 2,000 pounds per square inch at 50 percent elongation, and 3. a Gurley stiffness at a thickness of 1 mil of not above one, and if desired, the said backing film overlaps the absorbent layer a substantial amount in the direction of their interface to form opposed flaps of the film at opposite sides of the absorbent layer, said flaps being elastic, easily stretchable and highly extensible.

CLASS 32C & D.

146651.

Int. Cl.-C01 1/00.

METHOD FOR THE PREPARATION OF ANTIMICROBIAL COMPOSITIONS.

*Applicant*: NATIONAL RESEARCH LABORATORIES, OF 3367, BLUE ROCK ROAD, CINCINNATI, OHIO, U.S.A.

*Inventors*: GERALD LOUIS MAURER AND SUDHIR KASHINATH SHRIMPAPUREY.

Application No. 1348/Cal/77 filed August 30, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A method for the preparation of an antimicrobial composition which comprises dissolving in an aqueous medium a metal complex or a metal ion and a polyfunctional organic ligand in predetermined quantities such as herein described, said complex having an aqueous proton induced dissociation property represented by a sigmoidally-shaped curve on a cartesian coordinate plot of the negative log of the metal ion concentration versus the negative log of the hydrogen ion concentration said dissociation property causing the controlled release of metal ions at a pH compatible with the viability of microbes in a medium conducive to microbial viability.

CLASS 32F4d.

146652.

Int. Cl.-C07c 31/56.

PROCESS FOR THE PREPARATION OF CARBOXYLIC ACID ANHYDRIDES.

*Applicant*: HALCON INTERNATIONAL, INC., OF 2 PARK AVENUE, NEW YORK, NEW YORK 10016, UNITED STATES OF AMERICA.

*Inventor*: DR. COLIN HEWLETT.

Application No. 1462/Cal/77 filed September 30, 1977.

Division of Application No. 1796/Cal/74 filed August 12, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

31 Claims. No drawings.

A process for the preparation of an anhydride of a monocarboxylic acid which comprises reacting a carboxylate ester and/or a hydrocarbyl ether, carbon monoxide and a halide which is an iodide or bromide under substantially anhydrous conditions in the presence of a Group VIII noble metal catalyst, optionally in combination with a promoter as defined hereinafter.

CLASS 126A & D.

146653.

Int. Cl.-G01r

A TESTING INSTRUMENT.

*Applicant & Inventor*: KULDIP SINGH JABBAL AND HARBHAJAN SINGH JABBAL, OF 2F/14, DOUBLE STOREY, CIRCULAR ROAD, N.I.T., FARIDABAD-121001, (HARYANA), INDIA.

Application No. 248/Del/77 filed September 23, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

## 6 Claims.

Testing instrument for testing a line output transformer of a television receiver set comprising a power supply circuit connected to a rectifier and storage circuit, an electrical switch connected to the output terminals of said storage circuit and such that in the positive half cycle period said storage circuit is under a storing cycle, a sequence controller circuit connected to said power supply circuit, the output terminals of said sequence controller being connected to said switch and such that in the next half cycle said controller allows said electrical switch to be in an actuated state.

CLASS 24D<sub>4</sub> & 158D.

146654.

Int. Cl.-B61h 13/00.

## A VEHICLE BRAKING INSTALLATION OPERABLE BY PRESSURE MEDIUM.

*Applicant* : KNORR-BREMSE GMBH., OF 8 MUNCHEN 40, POSTFACH 401060, MOOSACHAR STRASSE 80, FEDERAL REPUBLIC OF GERMANY.

*Inventors* : KUNO SKACH AND JOHANN HUBER.

Application No. 2113/Ca/76 filed November 25, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 24 Claims.

A vehicle braking installation operable by pressure medium, comprising a pressure line, a brake control valve for a driver of the vehicle for controlling the pressure in said line, and means for initiating emergency braking action in response to a fall in pressure in said line occasioned otherwise than by operation of the control valve e.g. caused by a rupture in the pressure line or operation of an emergency brake valve;

in which said means for initiating braking action comprises a flow meter arranged to monitor the rate of flow of pressure medium admitted to the pressure line via the brake control valve, and operable between an operative and inoperative state depending respectively on whether the rate of flow of pressure medium exceeds or is less than a predetermined critical value; a discriminator operable to an actuating state when the flow meter is in the operative stage; and a signal line energisable directly or indirectly when the flow meter is in the operative state so as to operate a warning device and/or initiate emergency braking;

in which the discriminator is operable, at the instant in time of operation to the actuating state, to store the pressure level obtaining in the pressure line and to compare this pressure level with subsequent pressures in the pressure line until the flow meter passes into its inoperative state to terminate energisation of the signal line following the monitoring of a fall in the rate of pressure medium supply below the critical value; and in which the discriminator is operable, in the actuating state, to interrupt the energisation of the signal line if the comparison indicates an ascending pressure tendency in the pressure line or, if the comparison indicates an unchanging or descending tendency, releasing the energisation of the signal line thereby to enable operation of the warning device and/or initiate emergency braking.

CLASS 32F<sub>4</sub>a.

146655.

Int. Cl.-C07b 29/00, C07c 69/00.

## PROCESS FOR PREPARING AN AROMATIC CARBO-NATE.

*Applicant* : GENERAL ELECTRIC COMPANY, OF 1, RIVER ROAD, SCHENECTADY, STATE OF NEW YORK, 12305, UNITED STATES OF AMERICA.

*Inventor* : ALAN JOHN CHALK.

Application No. 1306/Cal/77 filed August 22, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 18 Claims.

Process for preparing an aromatic carbonate which comprises contacting a phenol of formula I.



wherein R<sub>a</sub> represents an aromatic radical such as herein described wherein the -OH radical is attached directly to an aromatic ring carbon atom and x is a number being at least equal to 1, advantageously from 1 to 4 and preferably from 1 to 2 with carbon monoxide, a base as herein described and a Group VIIIB element selected from ruthenium, rhodium palladium, osmium, iridium or platinum having an oxidation state greater than +1 and recovering the carbonate in conventional manner.

CLASS 116G &amp; 133A.

146656.

Int. Cl.-B65g 49/00.

## AUTOMATIC SYSTEM FOR CONTROLLING THE RATE OF FEED OF MATERIAL TO A MILL OR CRUSHER BY MEANS OF A CONVEYOR.

*Applicant* : THE K.C.P. LIMITED, OF RAMAKRISHNA BUILDINGS, 183, ANNA SALAI (FORMERLY 38, MOUNT ROAD), MADRAS 6, TAMIL NADU, INDIA.

*Inventor* : URLAM SATYANARAYANA VARA PRA-SADA RAO.

Application No. 69/Mas/76 filed April 17, 1976.

Complete specification left July 18, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

## 18 Claims.

An automatic system for controlling the rate of feed of material to a mill or crusher by means of a conveyor equipped with or without one or more preparatory devices for rendering the feed uniform, which system comprises :

(i) a first unit for controlling the speed of the conveyor in relation to the depth of material thereon, said first unit being constituted by sensing means adapted to move over and scan the material on the conveyor and thereby sense the depth thereof and a mechanical-cum-electrical linkage connected to the sensing means and to the variable speed drive unit for the conveyor whereby the motion of the sensing means is transmitted to the variable speed drive unit through the medium of the mechanical-cum-electrical linkage as an inverse ratio of the depth of the material on the conveyor so regulating the speed of the conveyor and the rate of feed of the material thereon, and

(ii) a second unit for stopping the conveyor instantly in the event of the speed of the mill or crusher falling below a predetermined value and/or in the event of overloading of the preparatory device(s) above a predetermined value of the load current of the respective drive motor(s) of such device(s) and for re-starting the conveyor automatically once the predetermined speed of the mill or crusher or the predetermined value of the load current is restored, said second unit being constituted by one or more overriding circuits connected to the variable speed drive unit for the conveyor.

CLASS 144E.

146657.

Int. Cl.-C09c 1/24.

## A PROCESS OF PREPARING RED IRON OXIDE PIGMENTS.

*Applicant* : SHRI A. M. M. MURUGAPPA CHETTIAR RESEARCH CENTRE (CHEMICAL DIVISION), A. M. M. CHARITIES TRUST BUILDING, M. T. H. ROAD, AMBAT-TUR, MADRAS-600053, TAMIL NADU, INDIA.

*Inventors* : CHINNA RAJAN ANANDAN AND SRINIVASA PANCHAPAKESAN.

Application No. 108/Mas/76 filed June 16, 1976.

Complete specification left September 15, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

5 Claims. No drawings.

A process of preparing red iron oxide pigment comprising the oxidation (by methods known per se) of ferrous iron, present in hydrochloric acid pickling liquor, to ferric iron characterised by arresting the oxidation when a predetermined amount of ferric ion is obtained; treating the ferric iron with calcium compounds such as, calcium carbonate, calcium oxide and/or calcium hydroxide, heating the same and arresting the temperature of the reaction at a predetermined value; preparing a suspension in water of the pigment, after leaching out and filtration, the pH of the suspension being regulated between 7—7.5 to obtain pigment of the desired shade.

CLASS 86B. 146658.  
Int. Cl.-A47g 9/00.

#### A FOLDABLE PILLOW.

*Applicant & Inventor* : DR. GOWRISHANKER PANDIT RAO PALNITKAR, 5-2-1026 JAWAHARLAL NEHRU ROAD, HYDERABAD-500001, A.P. INDIA.

Application No. 81/Mas/77 filed May 4, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

3 Claims.

A foldable pillow comprising a rigid sheet member one side of the said member being covered with soft spongy material the other side of the said member having two sets of clamps positioned at equidistance from the lateral edges thereof, the said first set of clamps holding at least two foldable leg members and the said second set of clamps preventing the outward movement of the foldable leg member.

CLASS 14A & D. 146659.  
Int. Cl.-H01m 3/02.

#### A PROCESS FOR THE MANUFACTURE OF BATTERY SEPARATORS.

*Applicant* : PUROLATOR INDIA LIMITED, HAUZ KHAS, P.O. YUSAF SARAI, NEW DELHI-16, INDIA.

*Inventors* : SWADESH MOHAN BAGAI AND SESHA-DRI KRISHNA KUMAR.

Application No. 191/Del/77 filed August 11, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

4 Claims. No drawings.

A process for the manufacture of battery separators which comprises in treating a conventional paper web in an impregnating bath consisting of phenol formaldehyde resin and a solvent therefor, and, wherein, said resin is present in the range of 2 to 10% by weight, oxalic acid as a clarifying agent present in the amount of 2 to 10% by weight, and stearate or phosphate as a heat stabilizer present in the amount of 2 to 5% by weight, and thereafter curing by methods known per se said treated paper and forming by known mechanical means, ribs thereon.

CLASS 29A & 206E. 146660.  
Int. Cl.-G06k 19/00.

#### A STORAGE DEVICE FOR RECEIVING AN INPUT SIGNAL AND PROCESSING IT TO PRODUCE AN OUTPUT SIGNAL USING AN ANALOG CONVERTER.

*Applicant* : COMBUSTION ENGINEERING, INC., OF 1000 PROSPECT HILL ROAD, WINDSOR, CONNECTICUT U.S.A.

*Inventor* : PAUL HERBERT CHASE.

Application No. 151/Cal/77 filed February 2, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972 Patent Office, Calcutta).

4 Claims.

A storage device for receiving an input signal and processing it to produce an output signal comprising :

a. A digital-to-analog converter, having an output port and a plurality of input terminals;

b. means having an input port and a plurality of output terminals, the output terminals being connected to the input terminals of the digital-to-analog converter, for maintaining at its output terminals a digital representation of a signal occurring at its input port at the most recent of a series of discrete times; and

c. means having an output port and first and second input ports, the output port being connected to the input port of the means for maintaining a digital representation, the first input port receiving the input, and the second input port being connected to the output port of the digital-to-analog converter, for producing a signal at its output terminals equal to the sum of a first quantity proportional to signals occurring at its first input port, a second quantity proportional to signals occurring at its second input port, and a constant.

CLASS 32F<sub>a</sub> & 40F. 146661.

Int. Cl.-C07c 47/00, B01j 1/00.

#### IMPROVEMENT IN OR RELATING TO HYDROFORMYLATING AN ALPHA-OLEFIN.

*Applicant* : UNION CARBIDE CORPORATION, AT 270 PARK AVENUE, NEW YORK, STATE OF NEW YORK, 10017, UNITED STATES OF AMERICA.

*Inventors* : ROBERT WAYNE HALSTEAD, JOHN CULVER CHATY.

Application No. 1022/Cal/77 filed July 6, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972 Patent Office, Calcutta).

2 Claims. No drawings.

Improvement in or relating to the process of hydroformylating an alpha-olefin to produce aldehydes therefrom which process comprises feeding said olefin, carbon monoxide and hydrogen to a homogeneous liquid phase composition containing a catalytic amount of rhodium carbonyl complexed with a triarylphosphine present in an amount greater than that amount which complexes with said rhodium carbonyl, condensation products of said aldehydes being present as solvents and said aldehydes, the improvement comprises feeding to said homogeneous liquid phase composition a sufficient amount of oxygen to obtain a desired aldehyde productivity.

CLASS 32F<sub>i</sub> & F<sub>2b</sub>. 146662.

Int. Cl.-C07d 65/00.

#### PROCESS FOR THE PREPARATION OF THIOCHROMAN DERIVATIVES.

*Applicant* : SCIENCE UNION ET CIE SOCIETE FRANCAISE DE RECHERCHE MEDICALE, 14, RUE DU VAL D'OR—92150—SURESNES—FRANCE.

*Inventors* : CHARLES MALEN AND PIERRE ROGER.

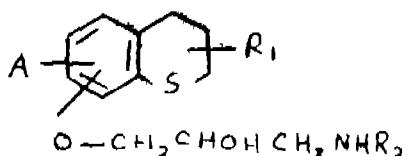
Application No. 1311/Cal/77 filed August 22, 1977.

Convention date August 23, 1976/(35029/76) U.K.

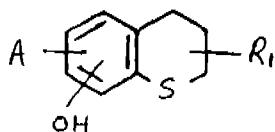
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972 Patent Office, Calcutta).

## 8 Claims.

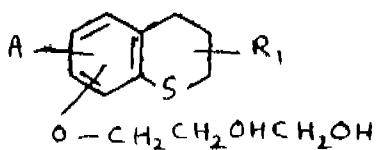
A process for the preparation of thiochroman derivatives of the general formula I.



in which A is a hydrogen atom or a halogen atom, R<sub>1</sub> is a hydrogen atom or a linear or branched alkyl radical having from 1 to 5 carbon atoms, and R<sub>2</sub> is an alkyl radical having from 1 to 7 carbon atoms, or a cycloalkyl radical having from 3 to 6 carbon atoms which comprises reacting a hydroxythiochroman of the general formula II.



in which the substituents R<sub>1</sub> and A are defined as above with a 1-halogeno 2, 3-dihydroxypropane in a basic medium to produce a (2, 3-dihydroxypropoxy) thiochroman of the general formula V.



in which the substituents A and R<sub>1</sub> have the above-given definitions and selectively converting this glycol into an amino alcohol of the general formula I by reaction with an amine of the general formula IV.

R<sub>2</sub>NH<sub>2</sub>

in which R<sub>2</sub> has the meaning given above, in the presence of an aminophosphonium halide of the formula shown in Fig. I, in which each of R'1 and R'2 is a lower alkyl radical or a phenyl radical, and X is a halogen atom, preferably an iodine atom, and further including the step of salification by adding a mineral or organic acid.

## CLASS 208.

146663.

Int. Cl.-B43k 19/00.

## IMPROVED METHOD OF MAKING HOT CHALKS.

*Applicant : THE TATA IRON & STEEL COMPANY LIMITED, JAMSHEDPUR, BIHAR, INDIA.*

*Inventors : ARUN VITHAL SATHE AND SHRIKANT GANESH BARVE.*

Application No. 1583/Cal/77 filed November 3, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 7 Claims. No drawings.

A method of manufacturing hot chalks of improved characteristic which comprises preparing a pigment of particle size such as (-100 mesh Tyler), preparing a blend of the pigment, a binder and a plasticizer with water and finally extruding the same through a mould, curing the extruded material in an oven at a temperature above the melting point of the binder and then cooling it to room temperature.

## CLASS 86C &amp; 128K.

146664.

Int. Cl.-A61b 17/00.

## MULTIPURPOSE FOLDING TYPE OPERATION TABLE.

*Applicant & Inventor : BABULAL TODI, C/O. TODI INDUSTRIES PRIVATE LIMITED, TODI ESTATE, LOWER PAREL, BOMBAY-400013, MAHARASHTRA, INDIA.*

Application No. 419/Bom/76 filed December 1, 1976.

Complete Specification left September 29, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

## 5 Claims.

A multipurpose folding type operation table 1 as shown in Fig. 1, of the drawing accompanying the complete specification comprising a central panel 12, a leg rest panel 14 and a head rest panel 13; two pairs of legs 2, 3 & 4, 5 which are foldable under the central panel 12, folding bars 6, 7, 8, 9, at the corners formed by each leg with the central panel 12, brackets, 10, 10' and 11, 11' with pivoting means, at top of each leg, said legs 4, 5 & 2, 3 being pivotally connected to said brackets, 10, 10' & 11, 11' respectively; inner edges of head rest panel 13, and leg rest panel 14, being hingedly connected across corresponding brackets; one transverse edge of the central panel, called liftable end L, adapted to be supported on one pair of legs, 2, 3 other transverse edge of the central panel 12, being hingedly connected across brackets 10, 10' on the other pair of said legs; two pairs of parallelly disposed arms 15 & 16 with plurality of notches, said arms being connected to the underside of each of the head rest 13, and leg rest 14, respectively and adapted to be supported on cross bars 21 & 22 across each pair of the legs 4, 5 & 2, 3 respectively to permit the notched arms 16 & 15 of the leg rest and the head rest panels respectively to be engaged at the desired notch after adjusting angle of the leg rest 14/head rest 13, below or above the horizontal; a cross member 20, being provided across a pair of another notched arms 17 located near the liftable end L of the central panel in order to permit the notched arms connected to the underside of the central panel 12 to be supported on a cross arm 20' at the desired notch after adjusting angle of the central panel 12 with the help of the handle 28 provided at the liftable end 1

## CLASS 87A.

146665.

Int. Cl.-A63b 21/00.

## A PHYSICAL EXERCISE DEVICE.

*Applicant & Inventor : PESTONJI JAL PADSHAH, 16A, ALTAMOUNT ROAD, BOMBAY-400026, MAHARASHTRA STATE, INDIA.*

Application No. 103/Bom/77 filed March 14, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

## 1 Claim.

A physical exercise device comprising a cylinder with a lever rigidly but detachably attached by means of screws or other suitable means a clamp having two jaws one longer than the other and encircling the cylinder with a locking cum release mechanism attached to the clamp and with or without a friction lining material interposed between the cylinder and encircling clamp, characterised in that the locking cum release mechanism consists of (a) a hinge one end of which is attached rigidly to the longer jaw of the clamp the opposite end extending beyond the shorter jaw and being rigidly joined to a threaded bracket having a threaded aperture (b) a pivoting lever within the hinge adapted to press against the shorter jaw of the clamp (c) a screw type adjustable spacer passing through a threaded aperture in the longer jaw allowing the jaws of the clamp to come together to no more than a preset extent and (d) another screw type adjustable spacer passing through the threaded aperture in the bracket attached to the hinge in order to limit the pivot action of the lever when it moves away from the longer jaw.

CLASS 62B. 146666.  
Int. Cl.-D061 3/00.

A PROCESS FOR BLEACHING TEXTILE BEING COTTON AND ITS BLENDS AND AN EQUIPMENT FOR IT.

*Applicant*: AHMEDABAD TEXTILE INDUSTRY'S RESEARCH ASSOCIATION, P.O. POLYTECHNIC, AHMEDABAD-380015, GUJARAT, INDIA.

*Inventors*: RAMANLAL CHANDULAL SHAH AND SHRIKRISHNA VISHWANATH GOKHALE.

Application No. 184/Bom/77 filed June 6, 1977.

Complete Specification left May 18, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

#### 5 Claims.

A process for bleaching textiles being cotton and its blends comprising treating the textile by continuous passage thereof through an aqueous solution containing an alkali such as herein described and a reducing agent such as herein described with the addition of a wetting agent known *per se*, squeezing the impregnated textile to a pick-up, of 70 to 120 percent, of said solution; heating the squeezed textile for a period ranging between 3 minutes and 60 minutes, washing with water and then treating the heated textile with an oxidising agent such as herein described at 20°C to 70°C maintaining the so treated textile at temperature of 20 to 104°C for periods ranging from 3 minutes to 60 minutes.

#### OPPOSITION PROCEEDINGS

##### (1)

The opposition entered by Sharpedge Limited to the grant of a patent on application No. 139046 made by Harbans Lal Malhotra & Sons Private Limited as notified in Part III, Section 2 of the Gazette of India dated the 4th December 1976 has been partly allowed and a patent has been ordered to be sealed on the application subject to amendment of the complete specification.

##### (2)

Application for patent No. 145484 made by Forbes Forbes Campbell & Co. Ltd. in respect of which an opposition was entered by Dunlop India Limited, as notified in Part III, Section 2 of the Gazette of India dated the 16th June 1979 has been treated as abandoned.

##### (3)

An opposition entered by Digambar Madhav Tagare, C/o. M/s. Madhav Capacitors Private Ltd., Bombay to the grant of a patent on application No. 145781 made by General Electric Company, U.S.A. has been dismissed.

#### PATENTS SEALED

143178 144437 144746 144803 144850 144927 144929 144939  
144964 144969 145017 145150 145151 145153 145157 145162  
145177 145183 145184 145186 145191 145205 145216 145219  
145241 145242 145243 145263 145299 145312

#### AMENDMENT PROCEEDINGS UNDER SECTION 57

Notice is hereby given that Raychem Corporation, a corporation organized and existing under the laws of the State of California, of 300 Constitution Drive, Menlo Park, California 94025, United States of America, have made an application under Section 57 of the Patents Act, 1970 for amendment of the specification of their Patent No. 145664 for "A method for the heat-treatment of articles of metallic compositions capable of transforming between the martensitic and austenitic states and an article which has been heat-treated by such method". The amendments are by way of correction. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on any working day during the usual

office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing of the said notice.

#### PATENTS DEEMED TO BE ENDORSED WITH THE WORDS 'LICENCES OF RIGHT'

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

#### No. & Title of the invention

- 134964 (9-3-73) Improvements in or relating to manufacture of garlic powder.
- 136209 (11-6-73) Process for preparing 1, 2, 3-trichloropropene.
- 136777 (19-7-73) Process for the production of new 2-alkylaminodihydropyridenes.
- 136952 (27-6-73) Process for preparing pentanol derivative.
- 137103 (28-8-73) Process for preparing benzofuran derivatives.
- 137179 (22-10-73) A plant and a process for manufacture of compressed maker's yeast from Indian plantation waste.
- 137191 (2-4-73) Process for preparation of siliceous ashes and apparatus therefor.
- 137280 (25-9-72) Method of cultivating yeast.
- 137319 (10-10-73) Preparation of pyrocatachol derivatives.
- 137362 (25-7-73) Process for production of corned beef.
- 137364 (4-10-72) Process for preparation of oil soluble composition.
- 137389 (31-7-73) Improvements in or relating to black chrome plating.
- 137390 (24-8-72) Process of making feedstuff and apparatus therefor.
- 137400 (4-12-72) Process for production of cellulose by submerged fermentation.
- 137438 (4-9-72) Method of preparing anthelmintic salicylanilides.

#### RENEWAL FEES PAID

94234	94657	94754	94903	95012	95330	99426	99844
100332	100364	100455	100457	100552	100553	100655	100685
100803	100828	101151	101569	101705	103490	104649	104918
105966	106010	106036	106164	106246	106639	106748	107040
108649	111239	111271	111331	111340	111341	111377	111383
111385	111402	111414	111459	111509	111545	111571	111649
111658	111660	111661	111674	111696	111727	111732	111779
111780	112133	112142	112177	113274	113275	113311	116460
116579	116604	116606	116621	116630	116636	116657	116672
116713	116752	116754	116771	116808	116834	116898	117219
117398	117477	120560	121197	122016	122036	122104	122146
122147	122182	122212	122335	122365	122385	122423	122483
122493	122525	122619	122628	122815	122872	123038	125188
126465	126595	126975	127345	127379	127380	127429	127460
127481	127491	127492	127505	127551	127570	127616	127620
127621	127636	127739	127752	127753	127864	127903	128258
128883	131530	131969	131970	132003	132027	132028	132029
132058	132090	132111	132144	132158	132163	132173	132174
132177	132197	132264	132265	132267	132268	132272	132379
132283	132292	132293	132306	132307	132312	132418	132542

132568 132725 133002 133028 135405 135436 135475 135516  
 135547 135615 135662 135737 135751 135861 135868 135988  
 136000 136022 136024 136052 136057 136083 136202 136346  
 136349 136383 136537 136539 136669 136703 136708 136769  
 137086 137196 137277 137473 137708 138457 138892 138987  
 139094 139159 139210 139309 139310 139321 139431 139436  
 139855 140009 140054 140074 140075 140184 140241 140560  
 140572 140573 140604 140808 140825 141090 141227 141335  
 141543 141627 141628 141646 141748 141812 141819 141842  
 141867 142294 142396 142478 142482 142527 142562 142603  
 142671 142726 142881 143046 143072 143073 143307 143734  
 143811 143822 143855 144048 144152 144153 144164 144349  
 144366 144453

## RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No 104955 granted to James Gray for an invention relating to "Method an and apparatus for forming a closure on the end of a cylindrical container". The Patent ceased on the 22nd April 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 22nd April 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214 Acharya Jagadish Bose Road, Calcutta 17 on or before the 4th October 1979 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks shall be filed with the notice or within one month from the date of the notice.

(2)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No 121864 granted to BAU-Stahlgewebe GMBH for an invention relating to "improvements in or relating to spot-welded reinforcing mats for use in reinforced concrete". The Patent ceased on the 18th June 1978 due to non payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III Section 2 dated the 24th February 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 4th October 1979 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks shall be filed with the notice or within one month from the date of the notice.

(3)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No 136701 granted to Thomas J Dillon & Co Inc for an invention relating to 'modular building for use in a prepared foundation site'. The Patent ceased on the 12th May 1978 due to non payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III Section 2 dated the 16th June 1978.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214 Acharya Jagadish Bose Road, Calcutta-17 on or before the 4th October 1979 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the opponent's interest the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(4)

Notice is hereby given that an application was made under Section 60 of the Patents Act 1970 for the restoration of

Patent No 139329 granted to Edwin Francis D'Souza for an invention relating to "an improved automatic electronic fire alarm". The Patent ceased on the 17th May 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III Section 2 dated the 21st April 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents The Patent Office 214, Acharya Jagadish Bose Road, Calcutta 17 on or before the 4th October 1979 under Rule 69 of the Patent Rules, 1972. A written statement in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

## REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of designs included in the entry.

Class 3 No 146736 Kosmos International Ltd, Bahamian Company, of 50 Shirley Street, Nassau, Bahama Islands "Combination clock and calculator". February 22, 1978.

Class 3 No 147712 Aparna International, 6 Old Post Office Street Calcutta (West Bengal), an Indian Partnership Firm "Feeding bottle" November 13, 1978.

Class 3 No 147717 Minni Trading Corporation, 5B, Kanchan Villa, Goraswadi Malad, Bombay 400064, Maharashtra, Indian Partnership Firm "Cap of the tablet pourer plug" November 13, 1978.

Class 3 No 147718 Minni Trading Corporation, 5B, Kanchan Villa, Goraswadi, Malad, Bombay 400064, Maharashtra, Indian Partnership Firm "Cap" November 13, 1978.

Class 3 No 147719 Minni Trading Corporation 5B, Kanchan Villa, Goraswadi, Malad, Bombay-400064, Maharashtra, Indian Partnership Firm "Tablet pourer cap" November 13, 1978.

Class 3 No 147729 M/s United Electronics of 4/1 Madan Street, Calcutta-700072, West Bengal An Indian Company "Electronic photo flash gun" November 16, 1978.

Class 3 No 147732 Racold Appliances Pvt Ltd, "Vandna" 12th Floor, 11, Tolstoy Marg New Delhi-110001, India, an Indian Company "Handle of an electric iron" November 17, 1978.

Class 3 No 147733 Asian Advertisers 20, Kala Bhavan, 3, Mathew Road, Opera House, Bombay 400 004, Maharashtra, State, Indian Partnership Firm 'Ash tray' November 17, 1978.

Class 3 No 147743 Asian Advertisers 20 Kala Bhavan, 3, Mathew Road, Opera House, Bombay-400 004, Maharashtra an Indian Partnership Firm "Pin tray" November 17, 1978.

Class 3 No 147745 Asian Advertisers 20 Kala Bhavan, 3, Mathew Road, Opera House, Bombay-400004, Maharashtra State, Indian Partnership Firm "Foot scale" November 17, 1978.

Class 3 No 147746 Asian Advertisers 20, Kala Bhavan, 3 Mathew Road, Opera House, Bombay-400004, Maharashtra State Indian Partnership Firm "Slip box" November 17 1978

Class 3 No 147761 Phenoweld Polymer Pvt Ltd of Sakhi Vihar Lake Road Bombay-400 072, Maharashtra, State, India, a Company Incorporated in India "Cabinet" November 23, 1978

Class 3 Nos 147762 & 147764 to 147767 Dolly Toys Industries a registered partnership firm of D 34, Rajouri Garden, New Delhi 110027, India 'Toys' November 24, 1978

Class 3 No 147769 Fykays Engineering Private Limited a private limited company incorporated under the Indian Companies Act, at Unit No 33, 2nd Floor, Ghanshyam Industrial Estate, Veera Desai Road, Andheri (West), Bombay-400058, Maharashtra "Disposable probe for simultaneous determination of oxygen and temperature of molten metals" November 28, 1978

Class 3 No 147770 Fykays Engineering Private Limited, a private limited company incorporated under the Indian Companies Act, at Unit No 33, 2nd Floor, Ghanshyam Industrial Estate, Veera Desai Road, Andheri (West), Bombay-400058, Maharashtra "Disposable thermocouple cartridge for measurement of temperature of molten metals" November 28, 1978

Class 3 No 147771 Fykays Engineering Private Limited, a private limited company incorporated under the Indian Companies Act at Unit No 33, 2nd Floor, Ghanshyam Industrial Estate, Veera Desai Road, Andheri (West) Bombay-400058, Maharashtra "Disposable carbontip for determination of carbon in molten steel" November 28, 1978

Class 3 No 147772 Fykays Engineering Private Limited, a private limited company incorporated under the Indian Companies Act at Unit No 33, 2nd Floor, Ghanshyam Industrial Estate, Veera Desai Road, Andheri (West), Bombay 400058, Maharashtra "Disposable carbontip for determination of carbon equivalent in molten cast iron" November 28, 1978

Class 3 No 147785 M/s Galaxy Products, a partnership firm registered under Indian Partnership Act, 1932, of 2nd Floor, 65, Canning Street, Calcutta-700 001 within the State of West Bengal "Plastic container" December 1, 1978

Class 3 No 147787 Avtar Singh Bagga of 7980, Roshanara Road Subzi Mandi, Delhi-110007, an Indian National "Pencil Sharpener" December 2, 1978

Class 3 No 147791 Narayan R Kishore Proprietor of Paragon Plastic Industries, A/78/1, Wazir Pur Industrial Area, Delhi 110052, an Indian National "Basket" December 4, 1978

Class 3 No 147792 Frederick Michael D Souza, Indian National of Frederick House, 3-Y M C A Road, Bombay 400 008 State of Maharashtra India "Bottle cap" December 4, 1978

Class 3 No 147798 Dolly Toys Industries, a registered partnership firm of D-34, Rajouri Garden New Delhi 110027 India "Toys" December 7, 1978

Class 3 No 147812 Plastall Consultant 107 Sonal Heavy Industrial Estate Ramchandri Lane, Malad (West) Bombay 400064 Maharashtra State, an Indian proprietary firm "Pneumatic vacuum picker" December 12, 1978

Class 3 No 147812 Prince Plastics 312 Churchgate Chambers, 5 New Marine Lines, Bombay-400020, Maharashtra State, an Indian Partnership Firm "Slicer-cum-nut cutter" December 12, 1978

Class 3 No 147851 Dholakia's Orthopaedic Appliances Clinic, 203 Mahatma Gandhi Marg, Gorakhpur, Indore-452 002 Madhya Pradesh, an Indian Sole Proprietary concern "Walking stick for blind" December 19, 1978

Class 3 Nos 147856 to 147858 Plastics & Metal Devices (India) H-172 Ashok Vihar, Delhi-110052, India, An Indian Partnership Firm "Pencil sharpener" December 20, 1978

Class 3 No 147882 Plastall Consultant, 107, Sonal Heavy Industrial Estate, Ramchandri Lane, Malad (West), Bombay 400064, Maharashtra State, an Indian Proprietary firm "Box cum radio cabinet" December 27, 1978

Class 3 No 147887 Canara Industries (A partnership firm duly registered under the partnership Act), of Bata Compound, Khopat, Pokhran Road, No 1, Thana 400 601, State of Maharashtra India "Flat type lamp holder" December 27, 1978

Class 3 No 147888 Canara Industries (Partnership firm duly registered under the Partnership Act), of Bata Compound, Pokhran Road, No 1, Thana 400 601, State of Maharashtra, India "Pin type lamp holder" December 27, 1978

Class 3 No 147908 Tumizi & Company, 369 Sheikh Memon Street, Dubash Market, 2nd Floor, Room No 104, Bombay 400 002, Maharashtra State, an Indian Partnership firm "Mini movie (Toy)" January 2, 1979

Class 3 No 147944 Surinder Soni, 18/3, Shakti Nagar, Delhi 110007, an Indian Proprietary concern "Slicer Juicer (Electrically operated)" January 11, 1979

Class 3 No 147945 Surinder Soni 18/3, Shakti Nagar, Delhi 110007, an Indian Proprietary concern "Slicer shredder, and salad cutter (Electrically operated)". January 11, 1979

Class 3 No 147946 Allied Electrical Industries, Block 9, Gali No 5, House No 6619, Dev Nagar, Karol Bagh, New Delhi 110005, an Indian Partnership Concern "Mixy", January 11, 1979

Class 3 No 147947 Allied Electrical Industries, Block No 9, Gali 5, House No 6619 Dev Nagar, Karol Bagh New Delhi 110005, an Indian partnership concern "Grinder", January 11, 1979

Class 3 Nos 147948 to 147951 Dolly Toys Industries A registered partnership firm of D-34, Rajouri Garden, New Delhi-110027, India "Toys" January 11, 1979

Class 3 No 147952 Raj Plastics, 5, Nemani Buildings, OPP I B P Pump, S V Road, Malad (West), Bombay 400064, Maharashtra, an Indian Partnership Firm "Pump oil can" January 12, 1979

Class 10 No 147711 Shah Enterprises, Udyog Nagar, Gali No 4, Plot No 9, Goregaon (West), Bombay 400 062, Maharashtra State, an Indian Partnership Firm "Footwear" November 13, 1978

Class 10 No 147726 Amrit Plastics Private Limited with registered office at 70, Nagnath Road, New Delhi-110015, a Private Joint Stock Company registered under the Indian Companies Act, 1956 "Shoe" November 15, 1978

Class 10 No 147877 Cotex Hosiery Factory, Acme estate, C-6, 2nd Floor, Sewri (East), Bombay 400015, Maharashtra, an Indian Partnership Firm "Knee cap" December 26, 1978

Class 10 No 147878 Cotex Hosiery Factory, Acme Estate, C-6, 2nd Floor, Sewri (East), Bombay 400015, Maharashtra, an Indian Partnership Firm "Calf guard" December 26, 1978

Class 10 No 147879 Cotex Hosiery Factory, Acme Estate, C-6, 2nd Floor, Sewri (East), Bombay-400015, Maharashtra, an Indian Partnership Firm "Ankle Cap" December 26, 1978

Class 10. No. 147880, Cotex Hosiery Factory, Acme Estate, C-6, 2nd Floor, Sewri (East), Bombay-400015, Maharashtra, an Indian Partnership Firm, "Bike". December 26, 1978.	Design Nos. 141722, 141729 & 141730	Class 4.
Class 12. Nos. 147740 to 147742, Jaymes Products, 53, Industrial Area, Ulhasnagar-421004, Maharashtra State, an Indian Proprietary Firm, 'Biscuit'. November 17, 1978.	Design No. 141814	Class 12.
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Design Nos. 141723, 141781, 141782, & 141783	Design Nos. 134805 & 135348	Class 1.
	Design Nos. 134885 & 135422	Class 3.

S. VEDARAMAN

Controller-General of Patents, Designs  
and Trade Marks.

